

IN THE SPECIFICATION:

Pursuant to 37 C.F.R. § §1.121 and 1.125 (as amended to date) please enter the substitute specification in clean form and including paragraph numbers [0001] through [0216], References and Abstract attached hereto as Appendix A. A marked-up substitute specification to clearly identify amendments to the specification as required by 37 C.F.R. § 1.121(b)(3)(iii) is attached hereto as Appendix B. It is respectfully submitted that the substitute specification does not introduce new matter into the above-referenced patent application.

Please also insert the enclosed Sequence Listing after Page 138 of the as-filed Specification.

IN THE CLAIMS:

Claims 10, 11, 12, 13, 14, 15, 17, 18 and 23 have been amended herein. All of the pending claims 1 through 30 are presented, pursuant to 37 C.F.R. § § 1.121(c)(1)(i) and 1.121(c)(3), in clean form in Appendix C attached hereto. Please enter these claims as amended. Also attached as Appendix D is a marked-up version of the claims amended herein pursuant to 37 C.F.R. § 1.121(c)(1)(ii).